

The enclosed Declaration, by T. Masuko, one of the named inventors in the above-identified application, has been submitted in order to show the effects of the present invention; and, in particular, has been submitted in order to show a difference in Tg as recited in claims in the above-identified application, as compared with that of polyimides of the applied references. This Declaration is being submitted in order to establish that the Tg as in the present claims is not inherent in materials described in the applied references.

Thus, synthesis of polyimides A-F disclosed in U.S. Patent Application Publication No. 2001/0035533 to Takeda, et al., on pages 2-6 of the enclosed Declaration; and synthesis of polyimides A-C disclosed in JP 11-140386, on pages 6-8 of the enclosed Declaration, are set forth. In connection with these polyimides, note the statement in Item 2 on page 2 of the enclosed Declaration, that it is well known that Tg of polyimides basically depends on chemical structure; that factors for Tg of polyimides are raw materials (anhydride and diamine) and mol ratio thereof; and that in case that these factors of raw materials and mol ratio thereof are constant, Tg is approximately constant, even if reaction conditions such as reaction temperature, reaction time, reaction solution and so on are changed.

Note also the measurement of Tg on pages 8 and 9 of the enclosed Declaration; and, in particular, the Results in the Table on page 9 of the enclosed Declaration. As can be seen therein, each of polyimides A-F of No. 2001/0035533, and each of polyimides A-C of JP 11-140386, have Tg outside the scope of the range of Tg in the present claims.

Thus, it is respectfully submitted that, clearly, neither of the references applied by the Examiner in the Final Office Action mailed December 10, 2008, that is, U.S.

Patent Application Publication No. 2001/0035533 to Takeda, et al., or JP 11-140386 to Takashi, would have disclosed or would have suggested the presently claimed adhesive film, including, inter alia, a Tg in the range of -20° to 60°C, and advantages achieved due thereto. In connection with such advantages, attention is respectfully directed to, e.g., the paragraph bridging pages 13 and 14 of the Amendment After Final Rejection submitted April 10, 2009, which has been entered in view of the filing of the RCE Transmittal on May 11, 2009.

The contentions by the Examiner in Item 3 bridging pages 2 and 3, and in Item 6 bridging pages 3 and 4, of the Advisory Action mailed April 22, 2009, that Applicants have provided no evidence to support Applicants' position that the polyimides of Takeda, et al. and of Takashi have different glass transition temperatures than presently claimed, are noted. However, it is respectfully submitted that the enclosed Declaration provides such evidence to support their position that the polyimides of the applied references have glass transition temperatures outside the scope of Tg of the present claims. Applicants respectfully renew their contention that the teachings of the references applied by the Examiner in the Office Action mailed December 10, 2008, would have neither disclosed nor would have suggested, and in fact would have taught away from, the presently claimed adhesive film, including Tg thereof, and advantages due thereto.

Applicants also respectfully rely on all of their contentions in the Remarks of the Amendment After Final Rejection filed April 10, 2009, including contentions in connection with Tg, this Amendment After Final Rejection filed April 10, 2009 having been entered in the above-identified application in light of the RCE Transmittal filed May 11, 2009.

In view of the foregoing comments and enclosed Declaration, and in view of the comments and amendments in the Amendment After Final Rejection filed April 10, 2009; and in light of the RCE Transmittal filed May 11, 2009, requesting a three (3)-month suspension of action under 37 CFR 1.103(c), entry of the amendments in the Amendment After Final Rejection filed April 10, 2009, and of the enclosed Declaration, and reconsideration and allowance of all claims being considered on the merits in the above-identified application, are respectfully requested.

In addition, in light of generic claims such as, for example, generic claim 33 being allowed, it is respectfully requested that the election-of-species requirement be withdrawn, and that all species of the elected Group I claims, including claims 3, 10-14 and 24, be re-joined in the above-identified application and allowed to issue in a U.S. patent issuing therefrom.

Furthermore, noting allowability of the adhesive film of, e.g., claim 33, it is respectfully requested that reconsideration of the restriction requirement among the Groups I-III claims in the Office Action mailed September 20, 2007, be made, and that the claims directed to the adhesive sheet and the semiconductor device, each using the adhesive film of claim 33 or claims dependent on claim 33, be re-joined in the above-identified application and allowed to issue in a U.S. patent issuing therefrom.

To the extent necessary, Applicants hereby petition for an extension of time under 37 CFR 1.136. Kindly charge any shortage of fees due in connection with the filing of this paper, including any extension of time fees, to the Deposit Account of

August 11, 2009

Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (case 1204.45684X00),  
and please credit any overpayments to such Deposit Account.

Respectfully submitted,

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Enclosure: Declaration (of T. Masuko, 8 pp.)

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